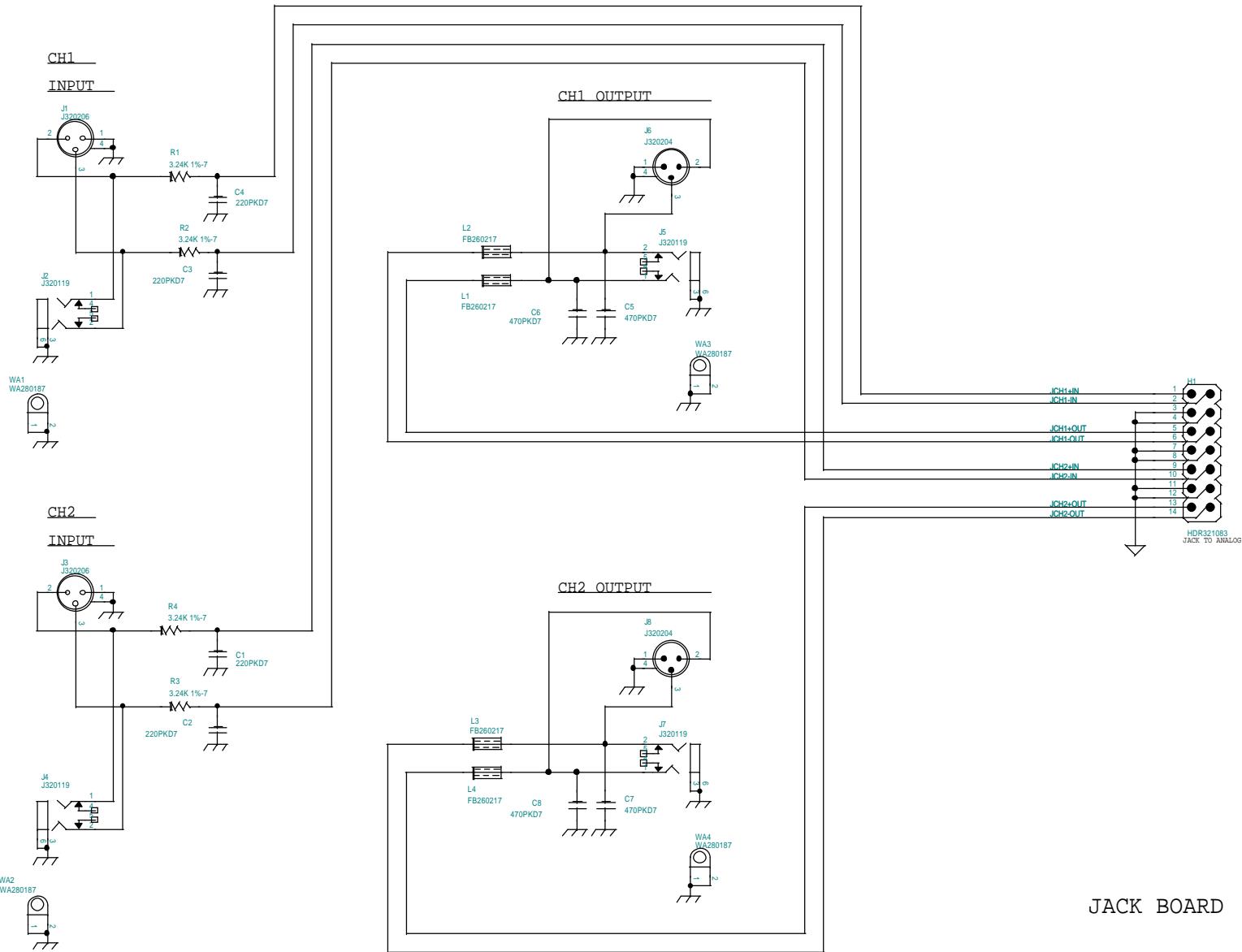


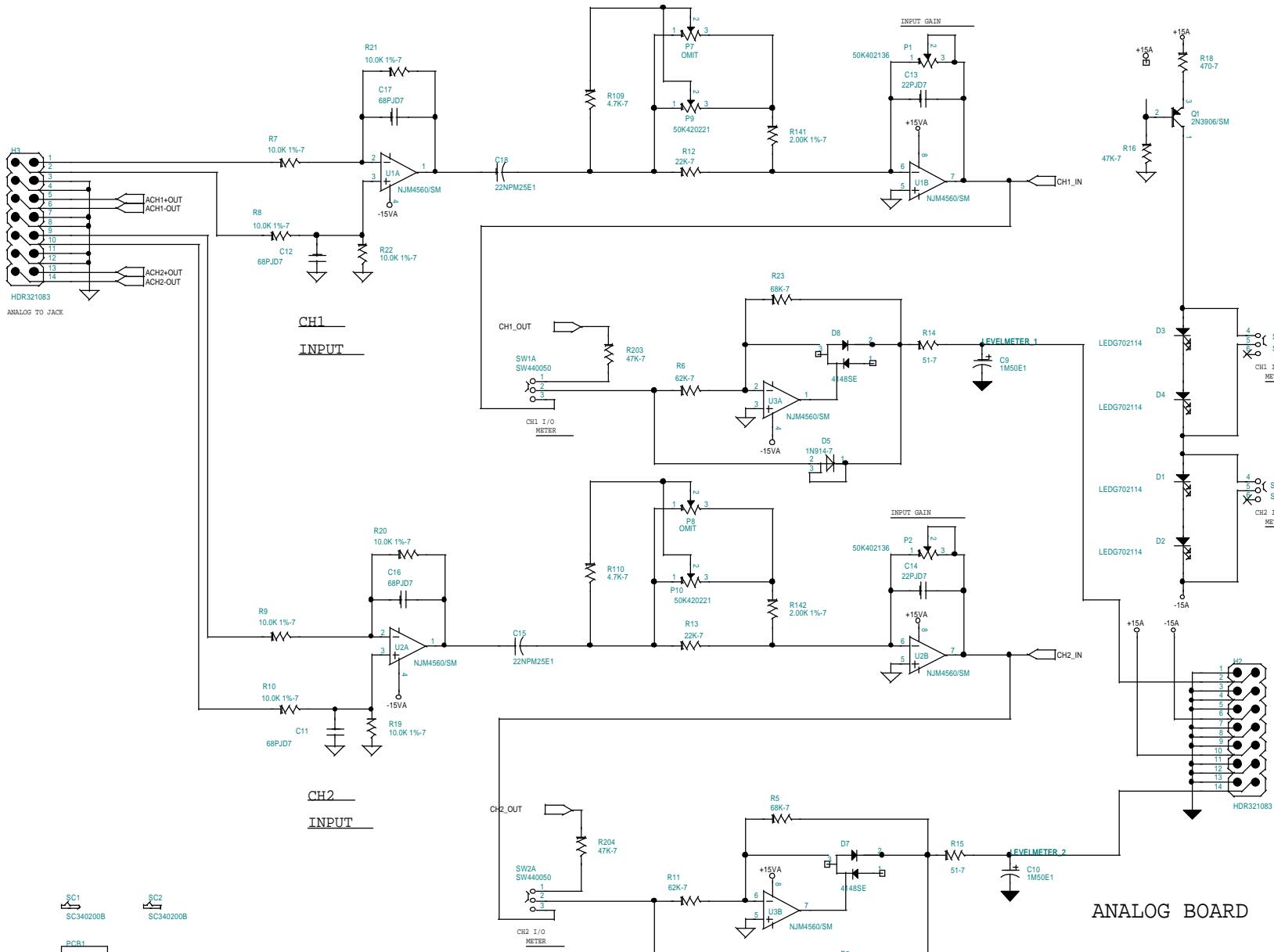
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ddx Professional Products  
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 Sandy, Utah 84070  
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 Size B Document Number 05535980.000 Rev B0  
 Date: Thursday, March 30, 2000 Sheet 0 of 6

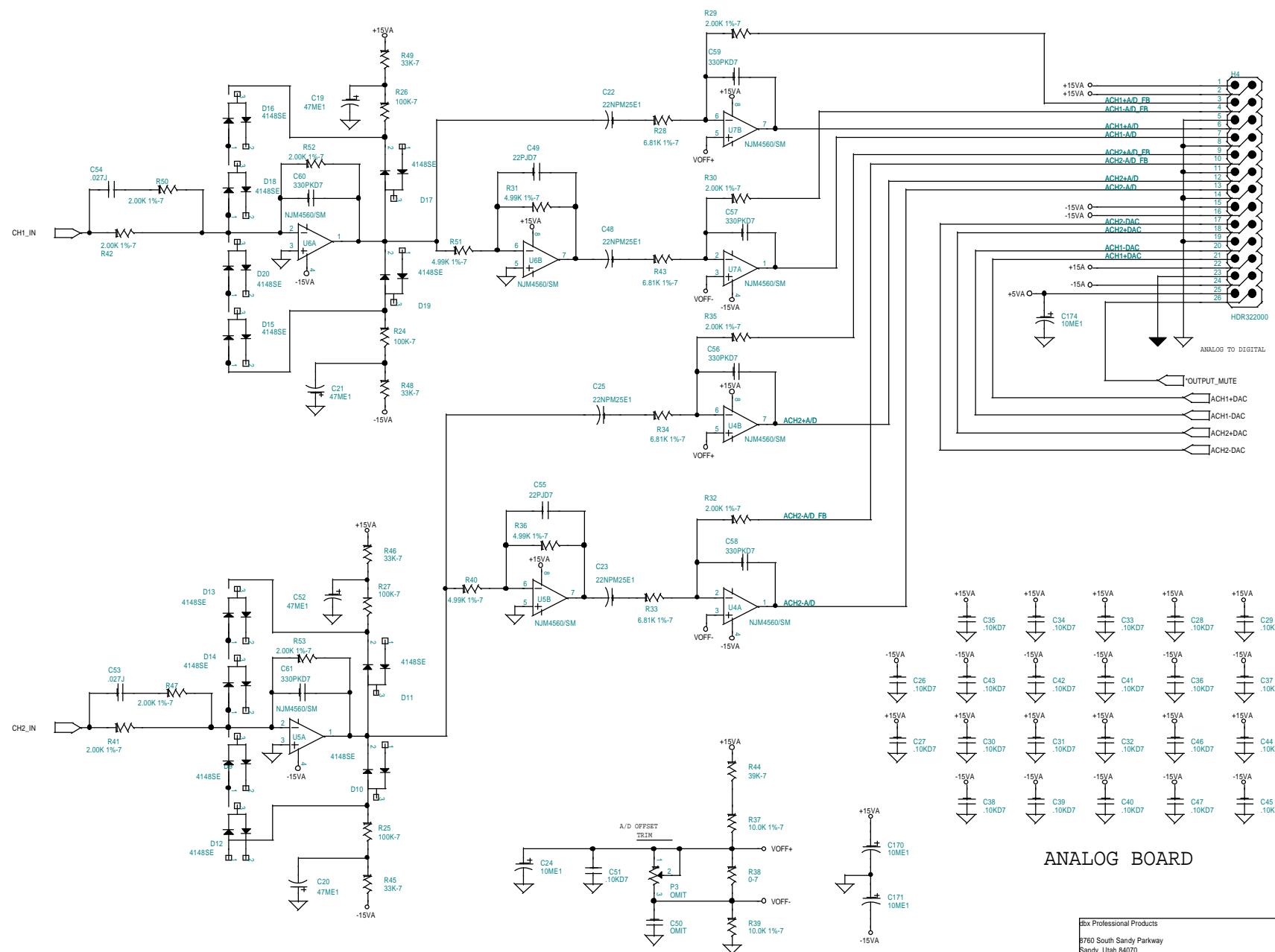


JACK BOARD

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Size	Document Number
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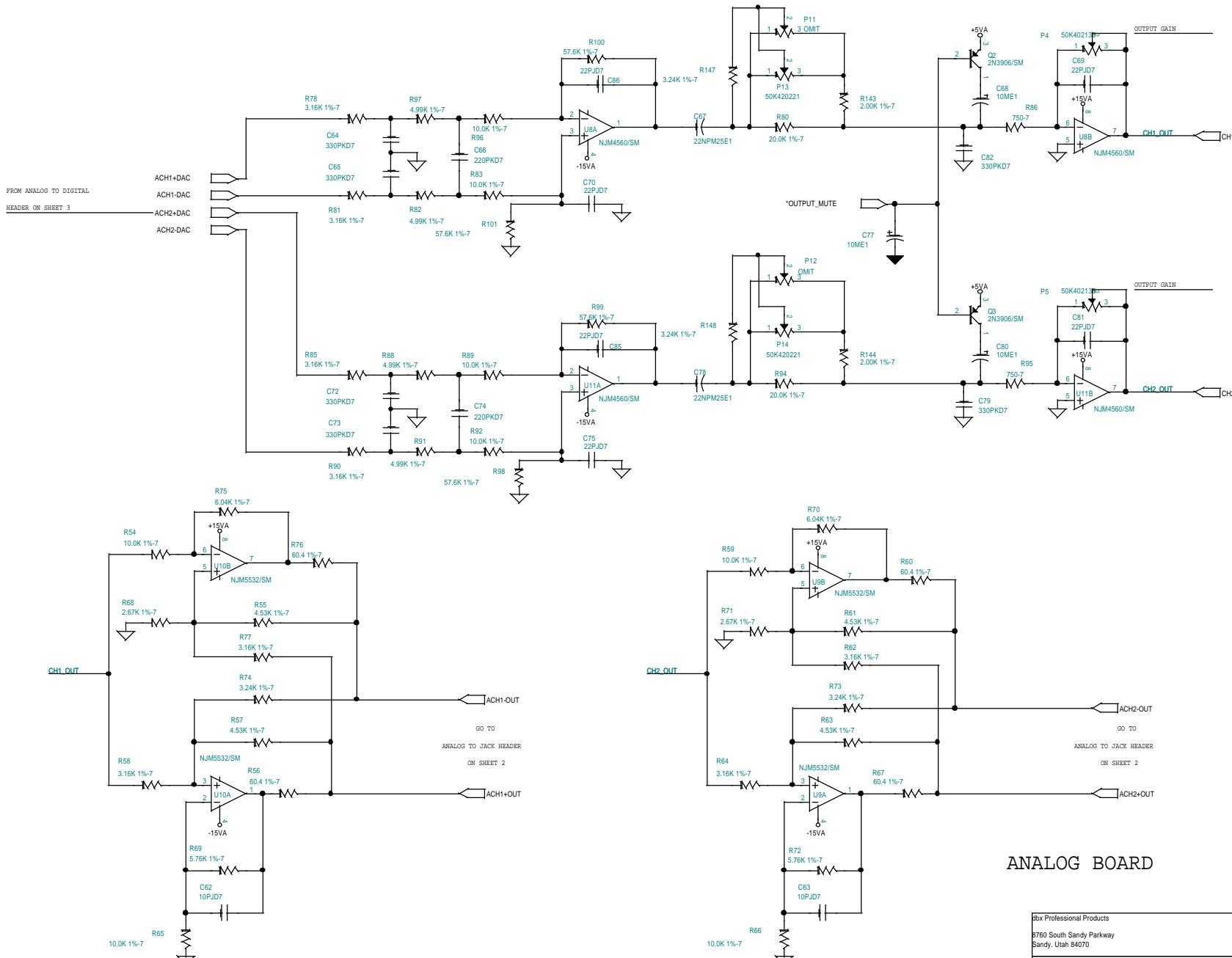


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## ANALOG BOARD

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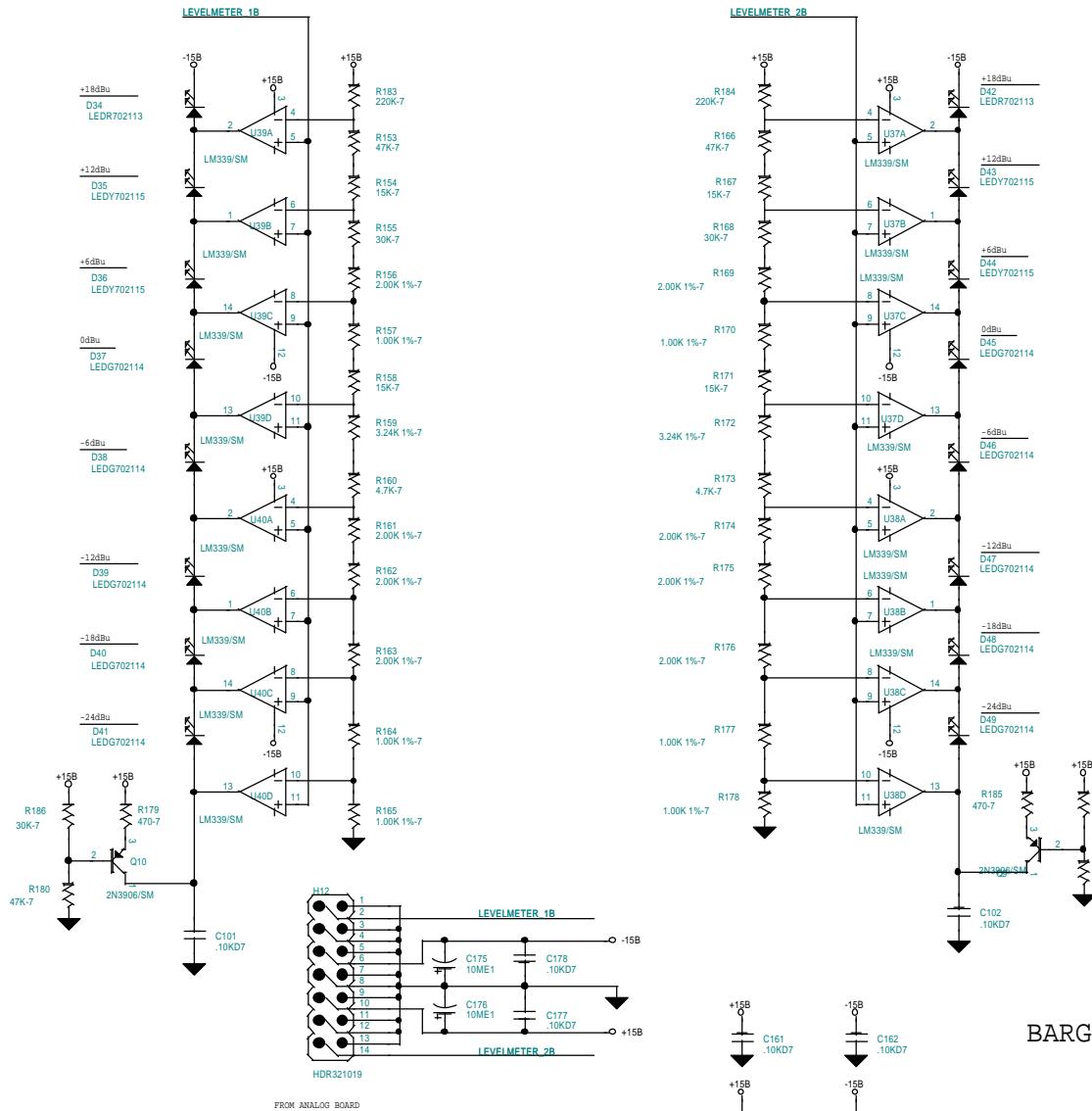


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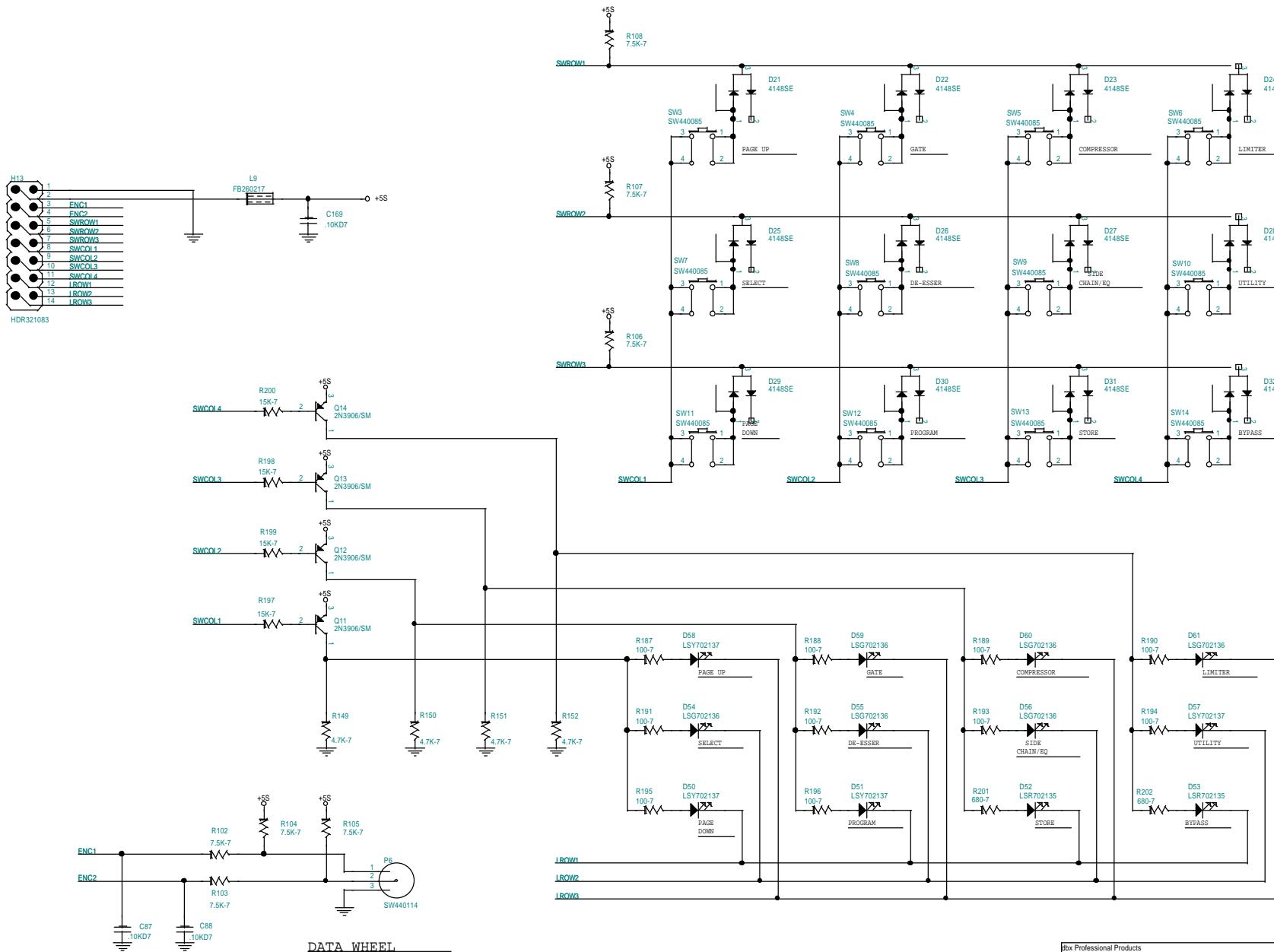
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Date	Thursday, March 20, 2000	Sheet 4 of 6



## BARGRAPH BOARD

jbx Professional Products		
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Sandy, Utah 84070		
<b>Title</b>		
DDP - BARGRAPH PCB		
<b>Size</b>	Document Number	<b>Rev</b>
B	05535980.005	B0
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		5 of 6



SWITCH BOARD

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Sandy, Utah 84070	
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Bill Of Materials

Quan Reference

September 25, 1998 9:51:03

Part SYMAN Description

6	C1,C2,C3,C4,C66,C74	220PKD7	62-3138	220	pF Cap	50V 10%	Cerm, SMT 0805
4	C5,C6,C7,C8	470PKD7	62-3133	470	pF Cap	50V 10%	Cerm, SMT 0805
2	C9,C10	1M50E1	60-0044-01	1.0	uF Cap	50V -20/+20%	Elect., T&R C&F
4	C11,C12,C16,C17	68PJD7	62-3137	68	pF Cap	50V 5%	Cerm, SMT 0805
10	C13,C14,C49,C55,C69,C70, C75,C81,C85,C86	22PJD7	62-3134	22	pF Cap	50V 5%	Cerm, SMT 0805
8	C15,C18,C22,C23,C25,C48, C67,C78	22NPM25E1	60-0402	22	uF Cap	25V -20/+20%	Elect. NP , T&R
4	C19,C20,C21,C52	47ME1	60-0054-01	47	uF Cap	16V -20/+20%	Elect., T&R, 5X8mm body
9	C24,C68,C77,C80,C170, C171,C174,C175,C176	10ME1	60-0049-01	10	uF Cap	16V -20/+20%	Elect.,-D Ammo
34	C26,C27,C28,C29,C30,C31, C32,C33,C34,C35,C36,C37, C38,C39,C40,C41,C42,C43, C44,C45,C46,C47,C51,C87, C88,C101,C102,C161,C162, C163,C164,C169,C177,C178	.10KD7	62-3139	.10	uF Cap	50V 20%	Cerm, SMT 0805
2	C53,C54	.027J	56-0033	.027	uF Cap	50V 5% Poly Film	273J ammo
12	C56,C57,C58,C59,C60,C61, C64,C65,C72,C73,C79,C82	330PKD7	62-3131	330	pF Cap	50V 10%	Cerm, SMT 0805
2	C62,C63	10PJD7	62-3140	10	pF Cap	50V 5%	Cerm, SMT 0805
14	D1,D2,D3,D4,D37,D38,D39, D40,D41,D45,D46,D47,D48, D49	LEDG702114	70-2114	Green	Light Emitting Diode, T1	(AUTO INSERT)	
2	D5,D6	1N914-7	70-0110	1N914	Diode Silicon Switching,	75 Volts PIV,	SMT
26	D7,D8,D9,D10,D11,D12,D13, D14,D15,D16,D17,D18,D19, D20,D21,D22,D23,D24,D25, D26,D27,D28,D29,D30,D31, D32	4148SE	70-0113	4148SE	Diode,	SMT	
2	D34,D42	LEDR702113	70-2113	Red	Light Emitting Diode, T1	(AUTO INSERT)	
4	D35,D36,D43,D44	LEDY702115	70-2115	Yellow	Light Emitting Diode, T1	(AUTO INSERT)	
4	D50,D51,D57,D58	LSY702137	70-2137	LED, YELLOW,	SMT		
2	D52,D53	LSR702135	70-2135	LED, RED,	SMT		
6	D54,D55,D56,D59,D60,D61	LSG702136	70-2136	LED, GREEN,	SMT		
4	H1,H2,H3,H13	HDR321083	32-1083	14 Pin Hdr, 7x2, 0.1" spacing, 0.025 pins, .375			
1	H4	HDR322000	32-2000	26 Pin Hdr, 13x2, 0.1" spacing, 0.025 pins			
1	H12	HDR321019	32-1019	14 Pin Hdr, 2x7 Rt Angle, .1" spc, .025"gold Plt Pins			
2	J1,J3	J320206	32-0206	XLR Female, R/A PC Mount Latching A Series			
4	J2,J4,J5,J7	J320119	32-0119	1/4 Phone Jack, Hor. Mount, Full Nose Thread Slimline			
2	J6,J8	J320204	32-0204	XLR Male, R/A PC Mount A Series			
5	L1,L2,L3,L4,L9	FB260217	26-0217	Ferrite Bead, 2.5Kohms @70Mhz, SMT 0805			
4	P1,P2,P4,P5	50K402136	40-2136	50 K "A" 16mm, Rot Pot, 15mm D shaft, 41 Click			
6	P3,P7,P8,P11,P12,C50	OMIT	00-0000	This part has been omitted			
1	P6	SW440114	44-0114	Encoder, 24 Pos. Vert Mount 15mm Shaft			
4	P9,P10,P13,P14	50K420221	42-0221	50 K Trim Pot, Vertical Mount, AMMO			
1	PCB1	80-5359-B	80-5359-B	DBX DDP ANALOG BOARD, RAW			
9	Q1,Q2,Q3,Q9,Q10,Q11,Q12, Q13,Q14	2N3906/SM	70-1059	2N3906 PNP, Transistor, SOT23			
10	R1,R2,R3,R4,R73,R74,R147, R148,R159,R172			3.24 Kohm Resistor 1% 1/10 Watt TF, SMT 0805			
2	R5,R23	68K-7	50-1536	68 Kohm Resistor 5% 1/10 Watt TF, SMT 0805			

DOD Software

DDP ANALOG BOARD 80-5359

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Revised: September 23, 1998

Revision: B0



4 U37, U38, U39, U40  
4 WA1, WA2, WA3, WA4

055359b0  
LM339/SM 72-4034 LM339 Low Power, Low offset voltage Quad Comparator  
WA280187 28-0187-A Washer, for grounding J320119